Applicant : Shih-Chieh Hung et a

Serial No.: 09/761,893

: 09/761,893 · January 17, 2001

Filed Page

: 2

Attorney's Docket No.: 12862-002001 / 0674-5737US

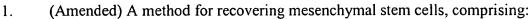
RECEIVED

APR 0 3 2002

## In the claims:

## Amend claims 1 and 4-7 as follows:

TECH CENTER 1600/2900



- (a) providing a mixture comprising mesenchymal stem cells;
- (b) seeding the mixture into a culture device; and
- (c) culturing the mesenchymal stem cells.
- 4. (Amended) The method as claimed in claim 1, wherein the mixture comprises mammalian mesenchymal stem cells.
- 5. (Amended) The method as claimed in claim 4, wherein the cells are selected from the group consisting fractioned tissue, un-fractioned tissue, and a body fluid.
- 6. (Amended) The method as claimed in claim 5, wherein the mixture comprises human mesenchymal stem cells.
- 7. (Amended) The method as claimed in claim 5, wherein the cells are selected from the group consisting a bone marrow, an embryonic yolk sac, a placenta, an umbilical cord, and a fetal, adolescent or adult body fluid, and a fetal, adolescent or adult tissue.

Cancel claim 8 without prejudice.

## Amend claims 9-11 as follows:

- 9. (Amended) The method as claimed in claim 1, wherein the mesenchymal stem cells are differentiatable into tissues comprising bone, adipose, or cartilage.
- 10. (Amended) The method as claimed in claim 1, wherein the mesenchymal stem cells are characterized by CD 34<sup>-</sup>.



Applicant: Shih-Chieh Hu

Serial No.: 09/761,893

Filed : January 17, 2001

Page

3

11. (Amended) The method as claimed in claim 9, wherein the mesenchymal stem cells are cultured in 10% fatal bovine serum-supplemented Dulbecco's modified Eagle's medium containing 1 g/L of glucose.

Attorney's Docker No.: 12862-002001 / 0674-5737US

Cancel claims 12-20 without prejudice.

## Add claims 21-31 as follows:

- 21. The method as claimed in claim 2, wherein the mixture comprises mammalian mesenchymal stem cells.
- 22. The method as claimed in claim 21, wherein the cells are selected from the group consisting fractioned tissue, un-fractioned tissue, and a body fluid.
  - 23. The method as claimed in claim 22, wherein the body fluid is blood.
- 24. The method as claimed in claim 22, wherein the mixture comprises human mesenchymal stem cells.
- 25. The method as claimed in claim 22, wherein the cells are selected from the group consisting a bone marrow, an embryonic yolk sac, a placenta, an umbilical cord, and a fetal, adolescent or adult body fluid, and a fetal, adolescent or adult tissue.
- The method as claimed in claim 21, wherein the mixture comprises human 26. mesenchymal stem cells.
- The method as claimed in claim 2, wherein the mesenchymal stem cells are 27. differentiatable into tissues comprising bone, adipose, or cartilage.
- 28. The method as claimed in claim 2, wherein the mesenchymal stem cells are characterized by CD 34<sup>-</sup>.

Applicant: Shih-Chieh Hus

Serial No.: 09/761,893 Filed : January 17, 2001

Page

No.: 12862-002001 / 0674-5737US

29. The method as claimed in claim 2, wherein the mesenchymal stem cells are cultured in 10% fatal bovine serum-supplemented Dulbecco's modified Eagle's medium containing 1 g/L of glucose.

The method as claimed in claim 4, wherein the mixture comprises human 30. mesenchymal stem cells.

The method as claimed in claim 5, wherein the body fluid is blood. 31.